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Datasheet for ABIN748409  
**anti-PGE2 antibody (AA 281-384) (Cy7)**

### Overview

Quantity:	100 µL
Target:	PGE2
Binding Specificity:	AA 281-384
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGE2 antibody is conjugated to Cy7
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse PGES2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	PGE2
Abstract:	<a href="#">PGE2 Products</a>

## Target Details

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Background: Synonyms: Gbf1, Pges2, C79137, Mpges2, 6138H1Rik, Prostaglandin E synthase 2, GATE-binding factor 1, GBF-1, Microsomal prostaglandin E synthase 2, mPGES-2, Ptges2, Background: Isomerase that catalyzes the conversion of PGH2 into the more stable prostaglandin E2 (PGE2) (By similarity). May also have transactivation activity toward IFN-gamma (IFNG), possibly via an interaction with CEBPB, however, the relevance of transcription activation activity remains unclear.

Gene ID: 96979

UniProt: [Q8BWM0](#)

## Application Details

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Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months